

RHIC Run16 Retreat Agenda Draft

Time (hh:mm)	Duration (min)	Title	Presenter
28 July 2016			
09:00	15+5	Welcome + RHIC physics program 2017 to 2023	Berndt Mueller
	15+5	Department priorities	Thomas Roser
	15+5	Run-17/18 projections and accelerator upgrades	Wolfram Fischer
	30+5	STAR – lessons from Run-16, requests for Run-17 and 18	Bill Christie
10:35	15	Coffee break	
	30+5	PHENIX – lessons from Run-16	Denis Jouan
	20+5	Run 16 Au+Au performance and notable events	Chuyu Liu
	20+5	Run 16 d+Au performance and notable events	Chuyu Liu
12:15	60	Lunch break	
13:15	15+5	2016 shutdown activities	Paul Sampson
	20+5	High intensity in the injectors: Run-17 and beyond	Haixin Huang
	15+5	OPPIS performance expectations for Run-17	Anatoli Zelenski
	15+5	High brightness beam from Linac	Deepak Raparia
	15+5	Booster space charge simulation for proton beams	Joanne Beebe-Wang
15:00	15	Coffee break	
15:15	20+5	Machine and experiments protection overview (pre-fires, masks, and orbit bumps: why the diode failed)	Angelika Dress
	20+5	Diode failure post-mortem (how the diode failed)	Jon Sandberg / John Escallier
	20+5	RHIC abort kicker system upgrade for Run-17	Jon Sandberg
16:15	45	Discussion time	
29 July 2016			
09:00	20+5	Possible failures with a 40 ms delayed abort	Yun Luo
	20+5	Beam loss control from lattice and mask (dispersion bumps and off momentum collimation)	Guillaume Robert-Demolaize
	20+5	Injection kicker vacuum failure – post mortem (from SEU to beam loss and vacuum failure)	John Morris / Don Bruno
	15+5	Single event upsets with Au+Au (stats and solutions)	Kevin Brown
10:35	15	Coffee break	
10:50	25+5	RHIC RF system upgrades for high intensity beams (9 MHz, Landau amplifiers, storage cavities trips)	Alexander Zaltsman
	20+5	56 MHz SRF (1 MV without HOM dampers, Run-18 and beyond)	Kevin Smith
	25+5	CeC PoP commissioning in Run-17/18 (aperture in IR2, what does it mean to be “careful”)	Vladimir Litvinenko
12:15	60	Lunch break	
13:15	45+5	Reliability and the view from operations (no soft talking this time!)	Peter Ingrassia
	20+5	View from AI	AI Marusic

		(machine protection, transfer function, optics, ramp, etc.)	
14:30	15	Coffee break	
14:45	25+5	Run-17 plan (STAR with luminosity leveling, RHICf)	Vahid Ranjbar
	20+5	LEReC DC gun test commissioning plans	Dmitry Kayran
	20+5	LEReC RF commissioning during Run-17	Kevin Mernick
16:05	55	Discussion time	